

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Satoshi Seo et al.  
Serial No. : 10/623,609  
Filed : July 22, 2003  
Title : LUMINESCENT DEVICE

Art Unit : 1774  
Examiner : Camie Thompson  
Conf. No. : 5062

**MAIL STOP AMENDMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Applicants request consideration of the references listed on the attached PTO-1449 form. Copies of any listed U.S. patents or U.S. patent application publications can be provided upon request.

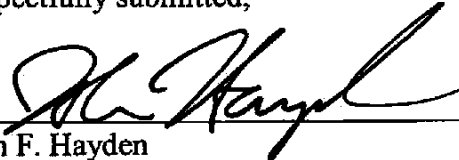
Also, upon reviewing the file, applicants noted that they have not received an initialed copy of the enclosed PTO Forms 1449 that accompanied information disclosure statements filed on October 6, 2004 and August 19, 2005.

Applicants' records show that these information disclosure statements complied with 37 CFR 1.97. Thus, we respectfully request that the examiner initial and return these forms as soon as possible.

This statement is being filed after a first Office action on the merits, but before receipt of a final Office action or a Notice of Allowance. A check for \$180 in payment of the late submission fee of \$1.17(p) is enclosed. Please apply any other charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: 2/8/07

  
John F. Hayden  
Reg. No. 37,640

Customer No. 26171  
Fish & Richardson P.C.  
1425 K Street, N.W. - 11th Floor  
Washington, DC 20005-3500  
Telephone: (202) 783-5070  
Facsimile: (202) 783-2331  
/adt  
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Substitute Form PTO-1449 (Modified)  <b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)  (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. <b>12732-087002</b>	Application No. <b>10/623,609</b>
	Applicant <b>Satoshi Seo et al.</b>		
	Filing Date <b>July 22, 2003</b>	Group Art Unit <b>1774</b>	

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	5,674,597	10/07/1997	Fujii et al.			01/13/1995
	AB	6,803,720	10/12/2004	Kwong et al.			12/15/2000
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AL							
	AM							
	AN							
	AO							
	AP							

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AQ	
	AR	
	AS	
	AT	

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Form PTO-1449 (Modified)  <b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)  (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 12732-087002	Application No. New Divisional Application
	Applicant Satoshi Seo et al.		
	Filing Date July 22, 2003	Group Art Unit Unknown	

**U.S. Patent Documents**

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	5,719,467	02/17/1998	Antoniadis et al.			
	AB	5,925,980	07/20/1999	So et al.			
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	AG	US 2002-0093283 A1	07/18/2002	Seo et al.			01/10/2002
	AH	US 2002-0155632 A1	10/24/2002	Yamazaki et al.			02/20/2002
	AI	US 2003-0010288 A1	01/16/2003	Yamazaki et al.			02/05/2002
	AJ	US 2002-0101154 A1	08/01/2002	Kanagawa et al.			01/29/2002
	AK	US 2002-0139303 A1	10/03/2002	Yamazaki et al.			01/31/2002
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	AM	US 2002-0113546 A1	08/22/2002	Seo et al.			02/20/2002
	AN	US 2002-0105005 A1	08/08/2002	Seo et al.			02/05/2002
	AO	US 2001-0051207 A1	12/13/2001	Yamagata et al.			05/10/2001
	AP	US 2002-0121860 A1	09/05/2002	Seo et al.			12/21/2001

**Foreign Patent Documents or Published Foreign Patent Applications**

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Sub-class	Translation	
							Yes	No
	AQ	TW 243470	03/21/1995	TAIWAN			Abstract	
	AR	EP 1 065 737 A2	01/03/2001	EUROPE			In English	
	AS	JP10-233288	09/02/1998	JAPAN			Abstract	
	AT	JP2001-52870	02/23/2001	JAPAN			Abstract	

**Other Documents (include Author, Title, Date, and Place of Publication)**

Examiner Initial	Desig. ID	Document
	AU	C.W. Tang et al.; "Organic Electroluminescent Diodes"; <i>Applied Physics Letters</i> , Vol. 51, No. 12; pp. 913-915; September 21, 1987

Examiner Signature	Date Considered
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Substitute Form PTO-1449 (Modified)		U.S. Department of Commerce Patent and Trademark Office		Attorney's Docket No. 12732-087002		Application No. New Divisional Application	
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				Filing Date July 22, 2003		Group Art Unit Unknown	
<b>Other Documents (include Author, Title, Date, and Place of Publication)</b>							
Examiner Initial	Desig. ID	Document					
	AV	Yasunori Kijima et al.; "A Blue Organic Light Emitting Diode"; <i>Japan Journal of Applied Physics</i> , Vol. 38; pp. 5274-5277; September 1999					
	AW	C.W. Tang et al.; "Electroluminescence of Doped Organic Thin Films"; <i>Journal of Applied Physics</i> , Vol. 65, No. 9; pp. 3610-3616; May 1, 1989					
	AX	Chihaya Adachi et al.; "Electroluminescence in Organic Films with Three-Layer Structure"; <i>Japanese Journal of Applied Physics</i> , Vol. 27, No. 2; pp. L269-L271; February 1988					
	AY	Tetsuo Tsutsui et al.; "New Aspect of Research and Development of Organic EL"; <i>M&amp;BE Seminar (M&amp;BE)</i> , Vol. 11, No. 1; pp. 3-12 with translation; 2000					
	AZ	Takeo Wakimoto et al.; "Organic EL Cells Using Alkaline Metal Compounds as Electron Injection Materials"; <i>IEEE Transactions on Electron Devices</i> , Vol. 44, No. 8, pp. 1245-1248; August 1998					
	AAA	S.A. Van Slyke et al.; "Organic Electroluminescent Devices with Improved Stability"; <i>Applied Physics Letter</i> , Vol. 69, No. 15; pp. 2160-2162; October 7, 1996					
	ABB	D.F. O'Brien et al.; "Improved Energy Transfer in Electrophosphorescent Devices"; <i>Applied Physics Letter</i> , Vol. 74, No. 3; pp. 442-444; January 18, 1999					
	ACC	Tetsuo Tsutsui et al.; "High Quantum Efficiency in Organic Light-Emitting Devices with Iridium-Complex as a Triplet Emissive Center"; <i>Japan Journal of Applied Physics</i> , Vol. 38, Part 2, No. 12B; pp. L1502-L1504; December 15, 1999					
	ADD	Tetsuo Tsutsui; "The Operation Mechanism and the Light Emission Efficiency of the Organic EL Element"; <i>Test of the Third Lecture Meeting; Bulletin of Organic Molecular/Btoelectronics Subcommittee, Society of Applied Physics</i> ; pp. 31-37 w/translation; 1993					
	AEE	Junji Kido et al.; "Multilayer White Light-Emitting Organic Electroluminescent Device"; <i>Science</i> , Vol. 267; pp. 1332-1334; March 3, 1995					

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	Applicant Satoshi Seo et al.		
	Filing Date July 22, 2003	Group Art Unit 1774	

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	2003-0143430	07/31/2003	KAWAMURA et al.			12/31/2002
	AB	6,541,129	04/01/2003	KAWAMURA et al.			05/09/2000
	AC						
	AD						
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	AI						
	AJ						
	AK						

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Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Sub-class	Translation	
							Yes	No
	AL	CN1 277 626	20 DEC 2000	CHINA			Abstract	
	AM	EP1 029 909	23 AUG 2000	EUROPE			In English	
	AN							
	AO							
	AP							

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